

Figure 2
Switch Waveforms With Series Resistor

$$i_A(t) = I_A \cos \omega t$$

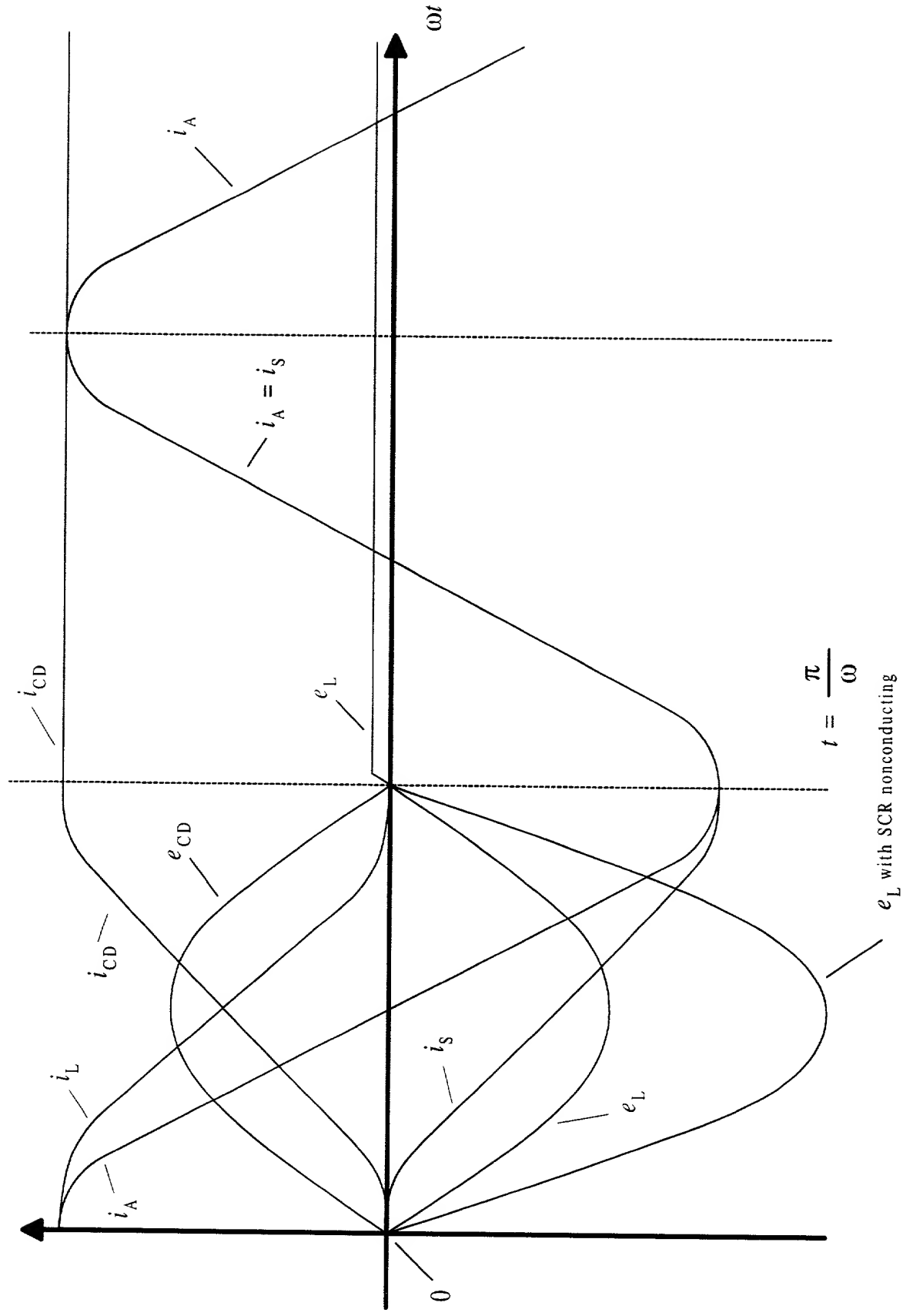


Figure 3
Voltage and Current Waveform for Inductor Switching

$\omega t = 90^\circ$, $i_A = 0$, i_{CD} positive, $i_C = i_C + i_S$

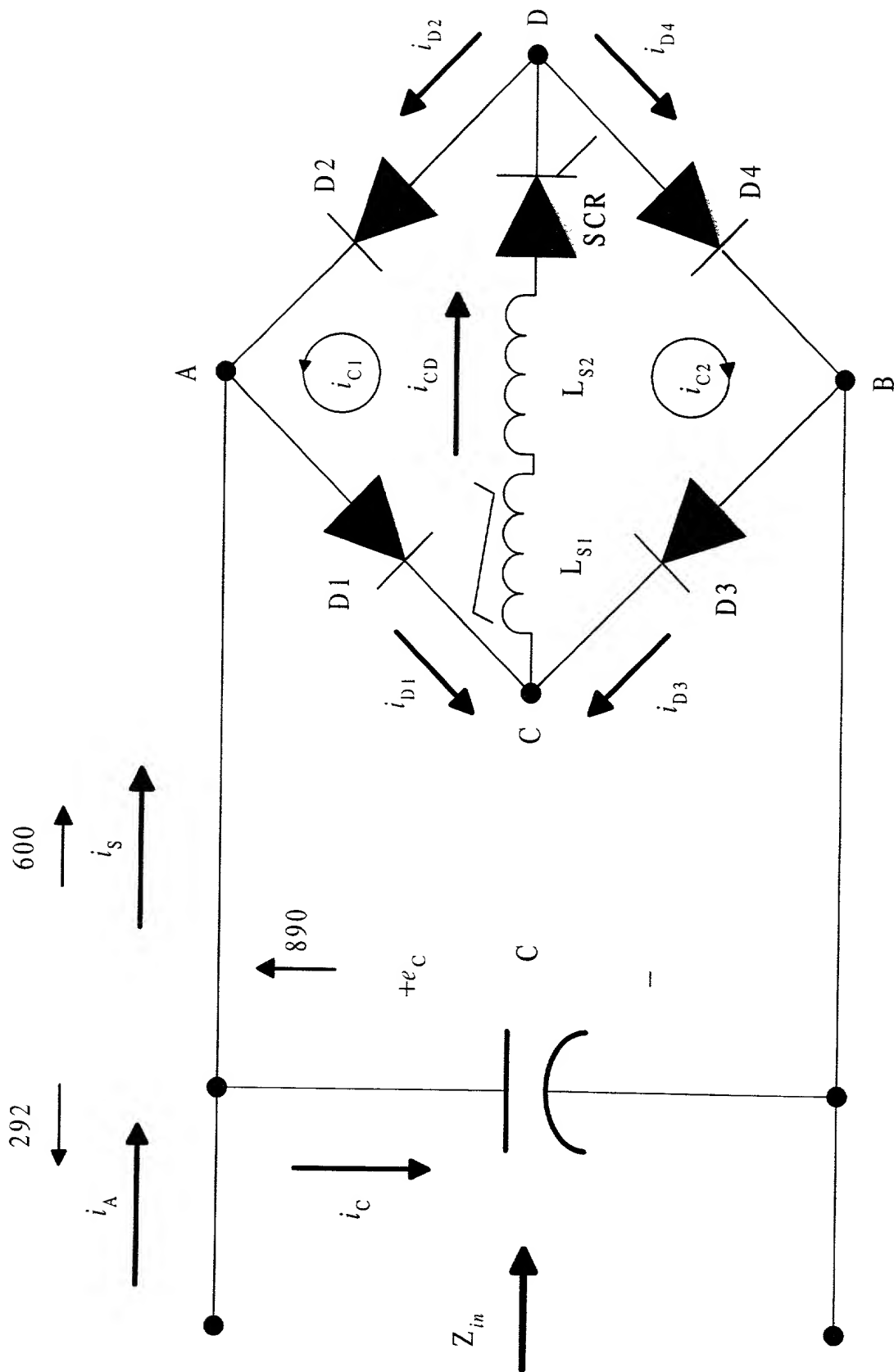


Figure 4
Switch across Series Capacitor

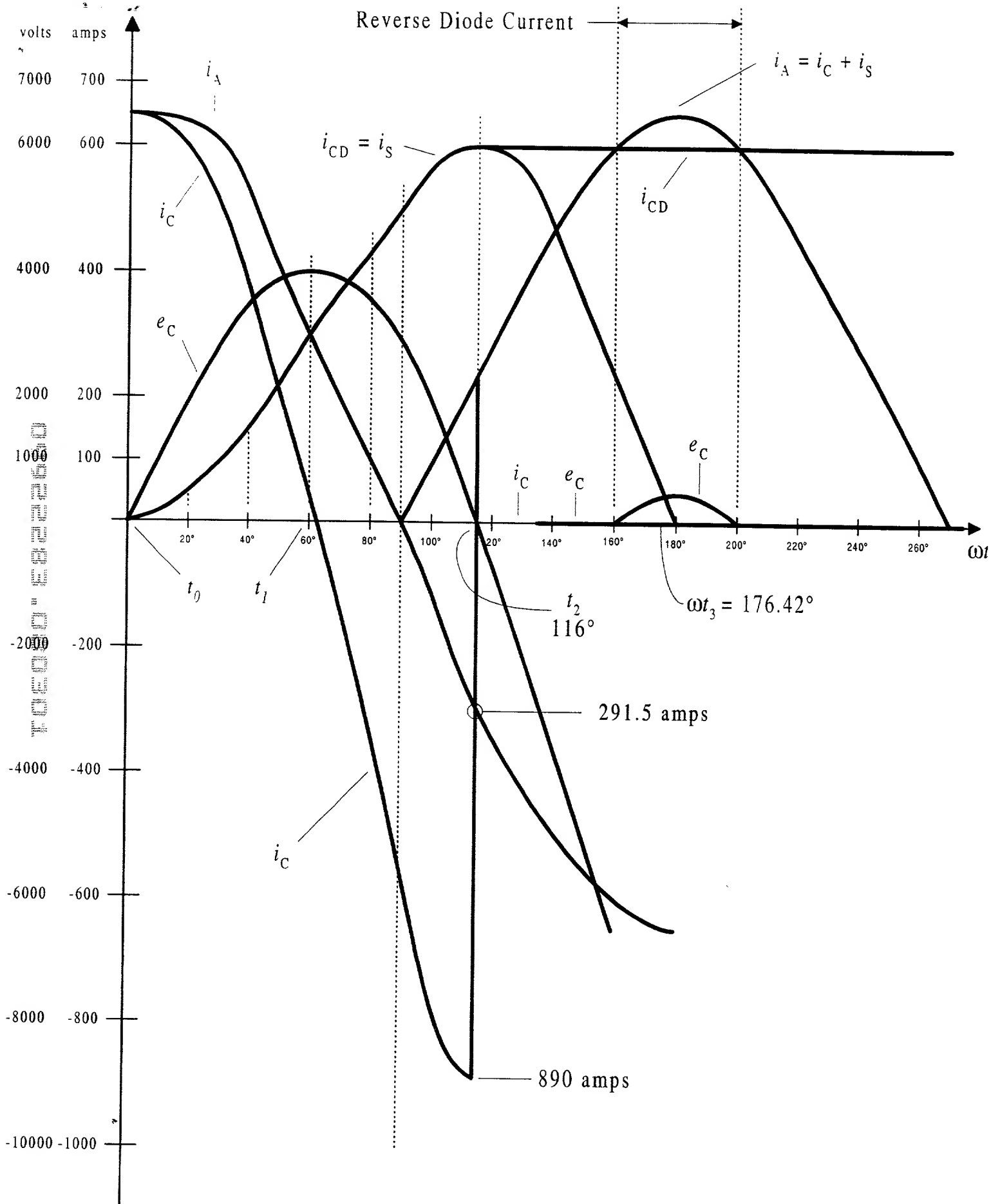


Figure 5
Voltage and Current Waveform for Capacitor Switching